

propagating along any fibre of the array and impinging on said reflecting surfaces will be reflected out of its fibre by total internal reflection wherein the cross-sectional area of said reflecting surfaces increases as distance along said fibres increases in said preselected direction.

*C1*  
*concl'd.*

25. An illumination device comprising a plurality of optical fibres for propagating light in a preselected direction, said fibres being aligned to form an array, said array having a light emitting region wherein each of said fibres has a plurality of reflecting surfaces of optical quality extending therein such that a portion of light propagating along any fibre of the array and impinging on said reflecting surfaces will be reflected out of its fibre by total internal reflection wherein the cross-sectional area of said reflecting surfaces varies such that the amount of light reflected out of each fibre by each of said reflecting surfaces is substantially equal.

26. An illumination device comprising a plurality of optical fibres for propagating light in a preselected direction, said fibres being aligned to form an array, said array having a light emitting region wherein each of said fibres has a plurality of reflecting surfaces of optical quality extending therein such that a portion of light propagating along any fibre of the array and impinging on said reflecting surfaces will be reflected out of its fibre by total internal reflection wherein the cross-sectional area of the said reflecting surfaces and/or the spacing between said reflecting surfaces varies such that the light emitted over said light emitting region is substantially uniform. --

#### Remarks

This is in response to the Examiner's Action dated September 15, 1994. In that Action the Examiner allowed Claims 1 through 18, rejected Claims 19 and 20, and objected to Claims 21 through 23 as dependent on a rejected base claim but otherwise allowable.